

ABSTRACT OF THE DISCLOSURE

The section of a cooling channel or conduit for a rotary electric machine comprises at least one tube which is mounted along at least one coolable part thereof and is provided with input and output axes, at least one coolant input and output connections, wherein the tube extends between said connections, each input and output connection is oriented at least approximately along the corresponding input or output axis of the tube and has a constant cross-sectional area along the entire longitudinal extent thereof. A rotary electric machine provided with said channel or conduit is also disclosed.